**Operations with Surds**

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| Name : | Class : | Date : |

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| **1)** Simplify      a)  $\sqrt{10}$  $×$  $\sqrt{6}$     b)  $(\sqrt{13}-3)(\sqrt{13}+3)$     c)  $8\sqrt{2}×4\sqrt{2}$ | [5]   |
|      d)  $(\sqrt{5}+\sqrt{13})(\sqrt{5}-\sqrt{13})$     e)  $(\sqrt{7}+4)(\sqrt{7}-7)$ |  |

**Solutions for the assessment Operations with Surds**

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| **1)**  a)  $2\sqrt{15}$ |      b) 4 |
|      c) 64 |      d) -8 |
|      e)  $\sqrt{49}+4\sqrt{7}-7\sqrt{7}-28$ |  |